Please make the following amendments:

IN THE SPECIFICATION

Please replace the paragraph [0055] with the following

[0055] PDE 16 divides the suspected area into sectors (43) and scores the sectors (44). For example, sectors 57A and 57B may receive high scores based on correlation with measured base station signals 56. After identifying sectors 57A and 57B, PDE 16 may send position assistance information to subscriber unit 10 based on the high scores (45). For example, the position assistance information may be related to broad [[area]] areas that ~~coverers~~ cover both of sectors 57A and 57B, or may be related to the plurality of smaller areas associated with each of sectors 57A and 57B.

Please replace the paragraph [0057] with the following

[0057] Put another way, area 50 is divided into a coarse grid, and each sector of the grid is assigned a score based on the likelihood that the solution lies within that sector. Sectors with a high score are themselves sub-divided into a finer grid, and each sub-sector is assigned a score in the same ~~manor~~ manner as the first iteration. The process may continue until a reasonably small sector-size is reached. Moreover, the process can be repeated for a plurality of different timing errors associated with the subscriber unit. If desired, once one or more sectors have been identified, a least squares algorithm may be used to pinpoint the location of the subscriber unit within the sector.

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